



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

M E M O R A N D U M

DATE: July 18, 1990
TO: William Messenger, Chief Pre-Remedial Unit
FROM: Jeff Dickson - FIT Team Leader
SUBJECT: Minnesota/F058910009/FMN0227SA
Kinney/Atkins Mine
MND980609903

The Atkins Mine in Kinney, Minnesota operated in 1943 and 1944. Iron ore in the form of hematite and magnetite was mined from the site. It is not known if hazardous waste materials were generated from the mining operations. A notification of Hazardous Waste Site form was sent to U.S. EPA on June 5, 1981 by Inland Steel Mining Company, the current mine owner. A letter which accompanied the notification suggested that leaded greases and solvents used for routine maintenance of mining equipment may have been deposited on-site rather than hauled away. No amounts of these substances or likely locations of deposit are known. Additionally, site boundaries are unknown. The area taken up by mining operations is approximately one square mile. On May 7, 1990 FIT performed a drive-by of the Atkins mine. Basically, FIT observed several giant holes in the ground and mountains of tailings with dirt roads running throughout the area. Several small deposits of garbage were observed, believed to have originated by local residents dumping their trash. No drums or hazardous waste were observed.

The town of Kinney Minnesota, located approximately 1/2 mile from the perimeter of the site, has one municipal well 450 feet deep which serve approximately 447 people. Kinney has a stand by well which is approximately 250 feet deep. FIT believes that only a very small amount of

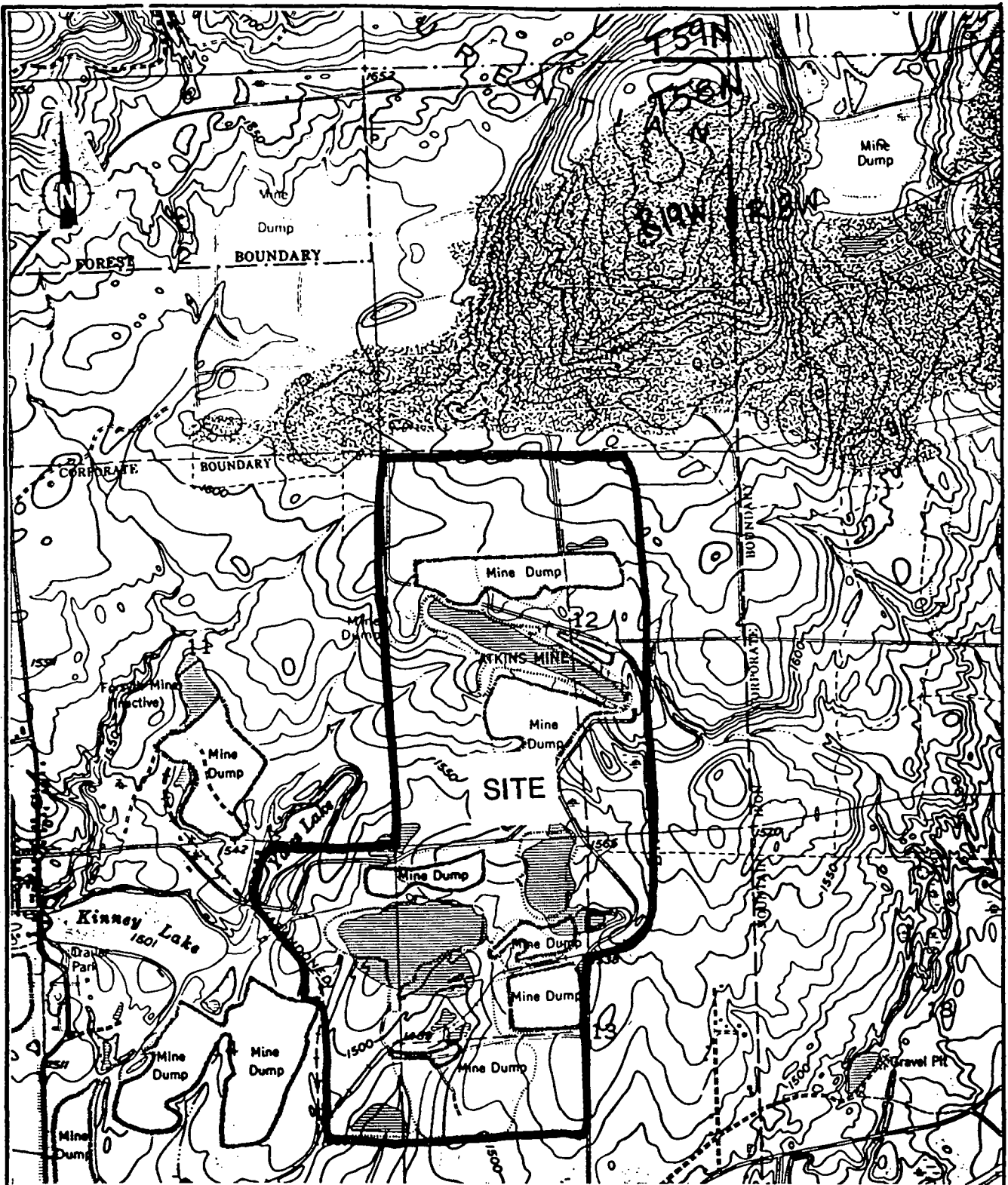
EPA Region 5 Records Ctr.




374236

waste was generated by the minning operation and therefore the Kinney Municipal well water sources are not affected by the site. Additionally, any hazardous waste deposited on the site would be exceedingly difficult if not impossible to locate due to the size and condition of the site, hence FIT recommends that no further action is needed at the Atkins Mine site.

5312:3



 <p>MINN. QUADRANGLE LOCATION</p>			ecology and environment, inc. 111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-963-8416	
TITLE		SITE LOCATION MAP		FIGURE # 1
SITE		ATKINS MINE SITE		SCALE 1:24,000
CITY		STATE		P.A.N.
KINNEY, MINNESOTA				FMN02275A
SOURCE		USGS TOPOGRAPHIC MAP		DATE 1951
				REVISED 1985

SITE HISTORY

The Atkins Mine in Kinney, Minnesota operated in 1943 and 1944. Iron ore in the form of hematite and magnetite was mined from the site. It is not known if hazardous waste materials were generated from the mining operations. A notification of Hazardous Waste Site form was sent to U.S. EPA on June 5, 1981 by Inland Steel Mining company, the current mine owner. A letter which accompanied the notification suggested that leaded greases and solvents used for routine maintenance of mining equipment may have been deposited on site rather than hauled away. No amounts of these substances or likely locations of deposit are known. Additionally, site boundaries are unknown. The area taken up by mining operations is approximately one square mile. On May 7, 1990 FIT performed a drive-by of the Atkins mine. Basically, FIT observed several giant holes in the ground and mountains of tailings with dirt roads running through out the area. Several small deposits of garbage were observed, believed to have originated by local residents dumping their trash. No drums or hazardous waste were observed.

The town of Kinney Minnesota, located approximately $\frac{1}{2}$ mile from the perimeter of the site, has one municipal well 450 feet deep which serves approximately 447 people. Kinney has a standby well

SITE HISTORY

which is approximately 250 feet deep. FIT believes that only a very small amount of waste was generated by the mining operation and therefore the Kinney Municipal well water sources are not affected by the site. Additionally, any hazardous waste deposited on the site would be exceedingly difficult if not impossible to locate due to the size and condition of the site, hence FIT recommends that no further action is needed at the Atkins Mine site.